



Claims

1 claim:

1 (cancelled).

2 (currently amended). An apparatus, for controlling gas in a gas burner used for stir-fry cooking to achieve a desirable timing and volume of heat, is operated either manually by hand or automatically by magnets ~~An apparatus in claim 1~~, comprising:

a magnetic control unit, which comprises at least a magnetic object, a sensor board, a relay and an electromagnetic valve;

a hand control unit, which comprises at least a handle (part #1) and a hand control valve;

a valve box, which harbors the said electromagnetic valve, the said hand control valve and a gas pass channel.

3 (original). The said magnetic object in claim 2, is a band attached with at least one magnet (part #16).

4 (original). The said sensor board in claim 2, is a board (part #19) with at least one reed switches (part #18).

5 (original). The said electromagnetic valve in claim 3, comprises a solenoid (part #) operated valve.

6 (cancelled).

7 (cancelled).

8 (new). An apparatus, for controlling gas in a gas burner used for stir-fry cooking to achieve a desirable timing and volume of heat, is operated either manually by hand or automatically, comprising:

a. a heater;

b. a manual means to control gas supply to said heater;

c. a non-manual means to control gas supply to said heater;

d. a controlling means, responsive to a user's position, to control said non-manual means.

9 (new). The said non-manual means in claim 8, comprising:

- a. an electromagnet;
- b. a valve, controlled by said electromagnet, to control gas supply to said heater.

10 (new). The said controlling means in claim 8, comprising:

- a. a magnetic object, attached to said user;
- b. a sensor board responsive to said magnetic object;
- c. a relay, responsive to said sensor board, to control said non-manual means.

11 (new). The said magnetic object in claim 10, comprising at least one magnet.

12. (new). The said sensor board in claim 10, comprising at least one magnetic detecting means.

13 (new). The said magnetic detecting means in claim 12, comprising at least one reed switch.

14 (new). The said manual means in claim 8, comprising:

- a. a handle operated by said user's hand;
- b. a valve, controlled by said handle, to control gas supply to said heater.

15 (new). An apparatus, for controlling gas in a gas burner used for stir-fry cooking to achieve a desirable timing and volume of heat, is operated either manually by hand or automatically, comprising:

- a. a heater;
- b. a manual means to control gas supply to said heater;
- c. an electromagnetic valve to control gas supply to said heater;
- d. a magnet-controlling means, responsive to a user's position, to control said electromagnetic valve.

16 (new). The said magnet-controlling means in claim 15, comprising:

- a. a magnetic object, attached to said user;
- b. a sensor board responsive to said magnetic object;
- c. a relay, responsive to said sensor board, to control said non-manual means.

17 (new). The said magnetic object in claim 16, comprising at least one magnet.

18 (new). The said sensor board in claim 16, comprising at least one magnetic detecting means.

19 (new). The said magnetic detecting means in claim 18, comprising at least one reed switch.

20 (new). The said manual means in claim 15, comprising:

- a. a handle operated by said user's hand;
- b. a valve, controlled by said handle, to control gas supply to said heater.

21 (new). A stir-fry cooking system, comprising at least one apparatus in claim 8.